

8903-72-11

FIT REGION 3  
NUS CORPORATION  
WORK PLAN FOR CONDUCTING  
A PRELIMINARY ASSESSMENT OF

VAN WATERS CO.

REV - 0

TDD No. F3- 8903-72

Charge No. AP32 RP

EPA Site No. PA -2457

Submitted By

Reviewed and Approved By

Reviewed and Approved By

D. GENRILLO  
PROJECT MANAGER  
FIT Name, Title

Thomas W. Fromm  
FIT OM

Steve J. Donohue  
RQAR

5/12/89

Date

5-11-89

Date

5/11/89

Date

Rev. 1

FIT Name, Title

FIT OM

RQAR

Date

Date

Date

Rev. 2

FIT Name, Title

FIT OM

RQAR

Date

Date

Date

Assignment Description

FIT 3 has been assigned to conduct a preliminary assessment at the VAN WATERS CO. site. The objective of a preliminary assessment is to determine the need for further studies under the EPA/CERCLA program.

Task Breakdown

The task breakdown for a preliminary assessment is as follows.

- 1) Review background information.
- 2) Contact state and local agencies for relevant information.
- 3) Arrange for site access.
- 4) Conduct a brief on- and off-site inspection to determine potential sample locations.
- 5) Prepare and submit draft preliminary assessment report, including proposed sampling plan and rationale, if applicable.
- 6) Address peer review comments and finalize report.

This is A ENVIRONMENTAL  
PRIORITY INITIATIVE PRELIMINARY ASSESSMENT

Estimated Technical Hours

The estimated technical hours for completing this project are 225.

Project Staff

Project Manager

D. Genello

Site Safety Representative

G. HORVAT

Other: N/A

✓

See attached safety plan

Proposed Schedule

See attached site safety plan

Background Data/Data Assessment Summary

See attached site safety plan

ORIGINAL  
(HNU)

### Required Resource List

<input checked="" type="checkbox"/>	No limited resource/equipment needed
<input type="checkbox"/>	List any limited resources/equipment needed
<hr/>	
<hr/>	
<hr/>	

### Quality Assurance Applicability

The following sections of the Superfund Division Quality Assurance Manual apply to the performance of this assignment.

<input checked="" type="checkbox"/>	QAP	2.5	Work Plans
<input checked="" type="checkbox"/>		3.1	Collection of Evidentiary Field Data
<input checked="" type="checkbox"/>		4.1	Off-Site Reconnaissance
<input checked="" type="checkbox"/>		4.2	On-Site Inspection
<input checked="" type="checkbox"/>		8.1	Controlled and Accountable Documents
<input checked="" type="checkbox"/>		8.2	Issuance and Distribution of Controlled Documents
<input checked="" type="checkbox"/>		8.4	Technical Reports
<input checked="" type="checkbox"/>		11.1	Implementation of Measuring and Test Equipment Controls
<input checked="" type="checkbox"/>		13.1	Nonconformance Reporting, Evaluation, and Disposition
<input checked="" type="checkbox"/>		14.1	Implementation and Documentation of Corrective Actions
<input checked="" type="checkbox"/>		15.1	Storage and Retrieval of Quality Assurance Records and Project Files

### Quality Control Requirements

Equipment used for the completion of this assignment will be calibrated and maintained according to SOPs contained in the FIT 3 Regional Operations Manual.

<input checked="" type="checkbox"/>	SOP I1	Use, Calibration, and Maintenance of the HNU PI-101
<input checked="" type="checkbox"/>	SOP I2	Use, Calibration, and Maintenance of the Radiation Mini-Alert

### Technical Approach

All activities will be conducted according to the FIT 3 Regional Operations Manual.

<u>✓</u>	SOP II1	Documentation of Logbook
<u>✓</u>	SOP II2	Documentation of Photographs
<u>✓</u>	SOP II3	Documentation of Telecons
<u>✓</u>	SOP II4	Documentation of Filing and Docketing
<u>✓</u>	SOP III1	Review of Technical Reports
<u>✓</u>	SOP III2	Report Format for Preliminary Assessments and Site Inspections
<u>✓</u>	SOP III3	Reporting On-/Off-Site Activities

### Report/Product Requirements

Report will consist of a completed EPA Form T-2070-12 and a written narrative presenting further information obtained during the completion of the assignment.

### Report/Product Review

The FITOM or designee will be responsible for the quality verification of the final report.

ORIGINAL  
(10-9-92)

### Documents to be Generated

Check below to indicate the documents that will be generated in the course of the project (both deliverable and non-deliverable):

<u>✓</u>	Final Report
<u>✓</u>	Draft Report
<u>✓</u>	Logbooks
<u>✓</u>	Photographs and Negatives
<u>✓</u>	Well Questionnaires
<u>✓</u>	Safety Plan
<u>✓</u>	Site Safety Follow-Up Report
<u>✓</u>	Task-Related Correspondence
<u>✓</u>	Report Processing Forms
<u>✓</u>	Telecon Records
<u>✓</u>	TDD
<u>✓</u>	Completion Document

### Distribution

The undersigned have received, read, and understood this work plan or have attended a pre-field meeting and have discussed the contents of this work plan (must be signed by all project personnel).

<u>Name</u>	<u>Date</u>
<u>Dave Smith</u>	<u>                    </u>
<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>
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TDD No.: F3-8903-72

Site Name: VAN WATERS CO  
ORIGINAL  
(Red)

### SITE SAFETY PLAN

Site Name: VAN WATERS CO Contact: George Lynch  
Address: VAN WATERS & ROGERS Phone Number: (717) 566-2521  
NORTH RAILROAD STREET Other Contacts: \_\_\_\_\_  
Hummelstown, PA 17036

Purpose of Site Visit: ENVIRONMENTAL PRIORITY INITIATIVE

Proposed Date of Work: MAY 15, 1989

#### Proposed Site Investigation Team:

##### NUS Personnel

DAVE GENELLO

George HORVAT

##### Responsibilities:

Project Manager

Site Safety Officer

##### Other:

##### Purpose:

##### Plan Preparation:

Prepared by: David Genello (5/8/89)

##### Approvals:

Regional Health & Safety Manager: Elizabeth Holt (5/11/89)

Regional Manager: Thomas W. Thomas (5/11/89)

TDD No.: F3-8903-72

Site Name: VAN WATERS CO

Background Information:

Site Status: ☒ Active ☐ Inactive ☐ Unknown

Site Description (be specific, include topography, structures, etc.):

The site consists of one large warehouse building; one repackaging building, a tank farm and a storage tank area. The site slopes gently to the northwest.

Site History: The site is currently owned by VAN WATERS & ROGERS INC. VAN WATERS AND ROGERS INC. purchased the site from McKEESON Chemical Co. in 1986. The site is currently utilized as a chemical distribution center.

Monitoring used on previous site work or previous sampling data:

UNKNOWN

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Site Name: VAN WATERS + CG

Hazard Evaluation

Waste Types: ☒ Liquid ☒ Solid ☐ Sludge ☐ Vapor

Characteristics: ☒ Corrosive ☐ Ignitable ☐ Radioactive

☒ Volatile ☒ Toxic ☐ Reactive

☒ Unknown ☐ Other \_\_\_\_\_

Task: SITE WALK; PHOTO Low ☒ Medium ☐ High ☐

Identification of Hazards/Hazard Assessments:

~~THIS IS AN EPI/PA: NO CONTACT WITH HAZARDOUS MATERIAL ETC.~~  
~~NO EXPOSURE TO WASTE MATERIAL ON-SITE.~~ POTENTIAL DERMAL AND INHALATION  
EXPOSURE TO WASTE MATERIAL ON-SITE. NO CONTACT WILL BE  
MADE WITH ANY MATERIALS OR STORAGE UNITS WHILE ON SITE  
HAZARDOUS ASSESSMENT IS LOW.

Task: \_\_\_\_\_ Low ☐ Medium ☐ High ☐

Identification of Hazards/Hazard Assessments:

Task: \_\_\_\_\_ Low ☐ Medium ☐ High ☐

Identification of Hazards/Hazard Assessments:

Task: \_\_\_\_\_ Low ☐ Medium ☐ High ☐

Identification of Hazards/Hazard Assessments:

OVERALL HAZARD: ☐ Serious ☐ Moderate

☒ Low ☐ Unknown



TDD No.: F3-8903-72Site Name: VAN WATERS & COHazardous/Toxic  
Known or Suspected  
Materials

Concentration

Media

Toxic and  
Pharmacologic  
EffectsPEL,  
TLV,  
IDLHReactivity,  
Stability,  
FlammabilitySpecial  
Monitoring  
Instruments

VAN WATERS &amp; ROGERS INC

This facility is used as a Distribution center  
for a variety of chemicals. Two examples of chemicals  
distributed from this facility include the following.

<u>SUB</u>	<u>CONC</u>	<u>MEDIA</u>	<u>TOXIC + PHARMACOLOGIC EFFECTS</u>	<u>PEL, TLV IDLH</u>	<u>REACTIVITY</u>
<u>NITRIC ACID %</u>	UNKNOWN	LIQ	IRIT eyes, mucus membrane, pneumonia	PEL = 2 PPM TLV = 2 PPM IDLH = 100 PPM	COMBUSTIBLE ORGANICS OXIDIZABLE MATTER
<u>1,1,1 TRICHLOROETHANE %</u>	UNKNOWN	LIQ	NAC, vomit, Abdom pain if absorbed causes tremors, jaundice kidney damage	PEL = 5 PPM TLV = 1 PPM IDLH = CA	Chemically active metals & strong acids

## Task

PM

SSO

**SMO**

## Surveillance

(PA, site recon, etc.)

Name

## Respiratory

## Clothing

## Gloves

## Boots

### Other; Modifications

DAVE GENELLO

D

f

N/A

u

George Horvath

D

f

N/A

w

D. Genello

2

f

11/12

12

## G. Horvath

1

f

NJE

w

If an HNU or OVA reading is recorded above background in a waste holding or disposal area team members will leave the holding/disposal area.

## Samplers

**Other**

## Decon

Cotton=C  
Field=F  
Saranex=S  
Tyvek=T

Butyl=B  
Cotton=C  
Latex=L  
Neoprene=N  
Vinyl=V

Fireman's = F  
Latex = L  
Tyvek = T  
Work = W

TDD No.: F3-8903-72

Site Name: VAN WATERS & CO.

ORIGINAL  
(100)

Proposed On-site Activities: Site WALKS PHOTOS TAKEN

Monitoring Procedures:

Site Monitoring Equipment:

☒ HNU  
or

☒ OVA

☐ Photovac

☐ Draeger Tube & Pump

☐ Victoreen Radiation Detector

☐ Other: \_\_\_\_\_

☒ TLD Badge

☒ Radiation mini-alert

☐ Explosimeter

☐ O<sub>2</sub> meter

Methods and Frequency of Surveillance: (For compounds > 10% PELs, see page 4)

Frequent monitoring with the HNU or OVA and the Mini-alert in waste storage areas, raw products storage areas, on-site and disposal areas.

Monitoring Equipment Calibration:

☒ HNU

As per manufacturer's recommendations, a field calibration is necessary once every three days. Calibration dates are recorded in the project logbook.

☒ OVA

As per manufacturer's recommendations, a field calibration is necessary every three days. Calibration dates are recorded in the project logbook.

☒ Mini-Alert

A battery check and a response check were made prior to leaving the FIT office and will be made immediately prior to instrument use in the field. This field procedure will be documented in the log book.

☐ Other

TDD No.: F3-8903-72

Site Name: VAN WATERS & CO

### Confined Space Entry

☒ No attempt will be made to enter abandoned buildings, manholes, tanks, or any other confined areas.

☐ Other: Team members will be entering active buildings in order to perform EPI/PA activities. Since these buildings are occupied by facility personnel throughout the workday and they are being regulated by other OSHA standards, they are deemed safe for occupancy and NUS team members may enter these areas to perform their PA activities. NUS personnel will follow standard industrial safety protocol and any other special protocols established by the facility health and safety requirements.

### Medical Surveillance

☒ No site specific medical surveillance is required for this task.

☐ Medical surveillance will be as follows:

### Personnel Monitoring

☒ Personnel monitoring will include only the use of the TLD badge. No further personnel monitoring is required.

☐ Personnel monitoring will consist of:

TDD No.: F3-8903-72

Site Name: VAN WATERS & Co

### **SITE OPERATING PROCEDURES/SAFETY GUIDELINES**

1. Always observe the buddy system. Never enter or exit a site alone, and never work alone in an isolated area. Never wander off by yourself.
2. Always maintain line-of-sight.
3. Practice contamination avoidance. Never sit down or kneel, never lay equipment on the ground, avoid obvious sources of contamination such as puddles, and avoid unnecessary contact with on-site objects.
4. No eating, drinking, or smoking outside the designated "clean" zone.
5. In the event PPE is ripped or torn, work shall stop and PPE shall be removed and replaced as soon as possible.
6. Be alert to any unusual changes in your own condition; never ignore warning signs. Notify Health and Safety Co-ordinator as to suspected exposures or accidents.
7. A vehicle will be readily available exclusively for emergency use. All FIT personnel going on site shall be familiar with the most direct route to the nearest hospital.
8. In the event of direct skin contact, the affected area shall be washed immediately with soap and water.
9. Copies of the health and safety plan shall be readily accessible at the command post.
10. Note wind direction. Personnel shall remain upwind whenever possible during on-site activities.
11. Never climb over or under refuse or obstacles. Use safety harness/safety lines when sampling lagoons, stream beds, and ravines with steep banks.
12. Hands and face must be thoroughly washed before eating, drinking, etc.
13. Any modifications to this safety plan MUST be approved by the RHSM or designee.

Special Procedures: In addition to NUS Health and Safety procedures, FIT 3 team members will follow the safety regulations required by VAN WATERS & Company

Nov 2, 1987

VAN WATERS & CO.

F3-8903-72

D. Genello

G. Harp

[illegible]

TDD No.: F3-8903-72

Site Name: VAN WATERS & CO.

10/10/03  
11:50

**Communication Procedures:**

Verbal Communication is the emergency signal to indicate that all personnel should leave the area immediately.

The following standard hand signals will be used in case of failure of radio communications:

Hand gripping throat ----- Out of air, can't breathe

Grip partner's wrist or ----- Leave area immediately  
both hands around waist

Hands on top of head ----- Need assistance

Thumbs up ----- OK, I am all right, I understand

Thumbs down ----- No, negative

The following will be used on an "as-needed" basis:

N/A

Channel \_\_\_\_\_ has been designated as the radio frequency for personnel in the Exclusion Zone. All other on-site communications will use channel \_\_\_\_\_.

Telephone communication to the Command Post should be established as soon as practicable. The phone number is \_\_\_\_\_.

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Site Name: VAN WATERS & CO.

## EMERGENCY SITUATIONS

ORIGINAL  
(10)

### Air Releases or Fire/Explosion:

In the event of an unexpected air release or fire/explosion, on-site personnel will travel at a right angle to the upwind direction. The Site Safety Officer (SSO) will then account for all personnel and notify the proper emergency agencies.

In the event the SSO is unavailable, the Project Manager will assume these responsibilities.

### Emergency Site Control:

In the event of an emergency, the SSO will discourage any unauthorized personnel from entering the site. If necessary, the SSO will contact the proper authorities.

### Personnel Injury:

If on-site personnel require emergency medical treatment, the following steps will be taken:

- 1) Evaluate the nature of the injury.
- 2) Decontaminate to the extent possible prior to administration of first aid or movement to emergency facilities.

### First Aid Procedures:

**Skin Contact:** Remove contaminated clothing. Wash immediately with water. Use soap if available.

**Inhalation:** Remove from contaminated atmosphere. Artificial respiration, if necessary. Transport to hospital.

**Ingestion:** Never induce vomiting on an unconscious person. Also, never induce vomiting when acids, alkalis, or petroleum products are suspected. Contact the poison control center.

**Equipment Failure:** In the event that air monitoring equipment fails to operate, all personnel will exit the site immediately and notify the RSM or designee for further instructions.



**Emergency Information:**

**Local Resources:**

Ambulance(Name): Humblestown Vol Fire Co. Phone 911  
Hospital (Name): Hershey Medical Center Phone (717) 531-8333  
Police (Local or State): Hanover Twp Police Phone (717) 566-2555  
Fire Department (Name & Volunteer?): Humblestown Vol Fire Co. Phone 911  
Radio Channel N/A  
Nearest Phone: NA

**Office Resources:**

Region III FIT Office..... (215) 687-9510  
EPA RPO Kenneth R. Kryszczun..... (215) 597-3535  
Office Manager - Donna Wallace (home)..... (215) 368-7939  
Operations Manager - Garth Glenn (home)..... (215) 947-5806  
Safety - Marcia Case (home)..... (215) 593-6894  
Safety - Elizabeth Holt (home)..... (215) 459-8522  
Zone, Tom Centi (office)..... (703) 522-8802

**Emergency Contacts: (Medical and Health)**

- o NUS Consulting Physician - University of Pittsburgh

Office..... (412) 648-3240

Please follow procedures as outlined on the following page.

- o Elmer Burd (NUS Zone Health and Safety Manager)

Office..... (412) 788-1080  
Home..... (412) 335-0205

- o Regional Health Maintenance Program  
Thomas Jefferson Hospital

Cassie..... (215) 928-6918

**Lifestyles**

Lorna Summers..... (215) 436-8249

- o Poison Information Center..... (215) 922-5523

- o National Response Center..... (800) 424-8802  
(FOR ENVIRONMENTAL EMERGENCY ONLY)

Directions to Hospital (Attach Map): From site make left onto Wall St

Proceed to N. Duke St. make left follow N. Duke until Rt 322  
Take Rt 322 EAST. Approx. 1 1/2 miles (sign for Hospital) - make  
Rt follow Rd to end. Hospital



# University of Pittsburgh

SCHOOL OF MEDICINE  
Department of Medicine  
Program in Occupational Medicine

ORIGINAL  
(Red)

## Emergency Physician Access Plan

NUS Corporation, Superfund Division

December, 1986

### A. MONDAY THROUGH FRIDAY, 9:00 A.M. - 5:00 P.M.

Dial the (412) 648-3240 number. When answered state that:

- (1) you are calling from NUS Corporation;
- (2) this is an emergency call.

Program Staff will be alerted how to contact the physician designated to provide emergency coverage on that day. Collect calls will be accepted.

### B. EVENINGS, WEEK-ENDS & HOLIDAYS:

Dial the (412) 648-3240 number. An operator from the answering service will answer the telephone. Do the following:

- (1) tell the operator that you are calling from NUS Corporation
- (2) tell the operator that this is an emergency call
- (3) give her your name
- (4) give her the telephone number where the physician is to call. Be certain that she has written the correct number (area code and seven digits)
- (5) if you do not receive a call back within 15 minutes, place a second call to (412) 648-3240

Collect calls will be accepted.

### C. SITUATIONS WHERE EMPLOYEE REQUIRES IMMEDIATE TRANSPORT TO A HOSPITAL:

If the situation is life-threatening, i.e., cardiac arrest or person not breathing, call the emergency medical services system and transport the person to the nearest hospital with advanced life support capabilities.

After obtaining assistance as stated above, call the (412) 648-3240 number and follow the procedures in A or B as appropriate.

